

Transitional Year Program

Educational Goals and Objectives for Hematology

**Location: Tufts Medical Center
Lahey Clinic
Lemuel Shattuck Hospital**

Type of Rotation: Elective

Length of Rotation: 4 weeks

Principle Educational Goals Based on the ACGME General Competencies

In the tables below, the principle educational goals of the Hematology curriculum are listed for each of the six ACGME competencies:

- 1) Patient Care
- 2) Medical Knowledge
- 3) Practice-Based Learning and Improvement
- 4) Interpersonal and Communication Skills
- 5) Professionalism
- 6) Systems-Based Practice

1) Patient Care

Objective	Learning Environment	Evaluation Method
Perform a focused history and physical exam with attention to factors appropriate to the hematology issue	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex
Formulate a diagnostic and management plan	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex
Clearly document the plan in the medical record	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex
Perform a bone marrow biopsy competently	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex

2) Medical Knowledge

Objective	Learning Environment	Evaluation Method
Learn the differential diagnosis of common hematologic abnormalities	Outpatient clinic Hospital consults Reading the literature	Monthly evaluation Mini-Cex
Learn the appropriate diagnostic evaluation of common hematologic abnormalities	Outpatient clinic Hospital consults Reading the literature	Monthly evaluation Mini-Cex
Learn the management of common hematologic diseases	Outpatient clinic Hospital consults Reading the	Monthly evaluation Mini-Cex

	literature	
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3) Practice-based Learning and Improvement

Objective	Learning Environment	Evaluation Method
Use literature search to answer clinical questions	Outpatient clinic Hospital consults Hematology conferences	Monthly evaluation Mini-Cex
Be able to interpret laboratory tests and learn what additional tests to order to arrive at a diagnosis	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex
Gain exposure to interpreting peripheral blood and bone marrow smears	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex

4) Interpersonal and Communications Skills

Objective	Learning Environment	Evaluation Method
Communicate effectively and professionally with team members	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex
Communicate compassionately and effectively with patient and family to obtain accurate history and describe treatment and toxicity	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex

5) Professionalism

Objective	Learning Environment	Evaluation Method
Be respectful of patients, families and colleagues	Outpatient clinic Hospital consults	Monthly evaluation Mini-Cex

6) Systems-Based Practice

Objective	Learning Environment	Evaluation Method
Learn to use diagnostic and therapeutic modalities in a logical, cost-effective manner	Outpatient clinic Hospital consults Reading the literature	Monthly evaluation Mini-Cex
Learn to consult with other specialties appropriately	Outpatient clinic Hospital consults Reading the literature	Monthly evaluation Mini-Cex

Hematology Curriculum Checklist

Hemochromatosis
Hemostasis and thrombosis
Abnormal coagulation (abnormal prothrombin and partial thromboplastin times)
Anticardiolipin antibody
Anticoagulation (therapeutic) fibrinolysis
Disseminated intravascular coagulation
Hypercoagulable state
Hyperviscosity syndrome
Leukocyte disorders
Immunosuppression
Neutropenia
Leukemoid reaction
Myeloproliferative disorders
Chronic myelogenous leukemia
Polycythemia vera
Platelet disorders
Thrombocytopenia
Platelet dysfunction
Thrombocytosis
Polycythemia, secondary
Red cell disorders
Anemia
Hemoglobinopathy (e.g., sickle cell disease)
Transfusion therapy